

P21469.A03

at least one measurement device for detecting data being located in a region of each measurement zone; and

an evaluation unit for evaluating the data being coupled to each of the at least one measurement devices,

wherein the data concerns at least one measured parameter relating to the manufacture or refinement of the material web.--

---

**Remarks**

Entry of this amendment is respectfully requested prior to examination of the application and calculation of filing fees.

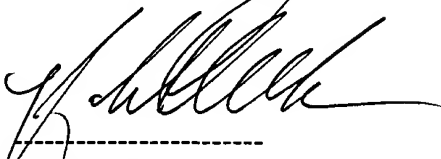
Applicants note that the claims have been amended strictly to ensure closer compliance with U.S. patent practice and not for a reason related to patentability or for a reason related to distinguishing the invention over any known prior art reference. Accordingly, Applicant submits that no estoppel should apply to any limitation recited in any of the so amended claims.

The Commissioner is hereby authorized to charge any fees necessary for the consideration of this preliminary amendment to deposit account No. 19-0089.

P21469.A03

Should the Examiner have any further comments or questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

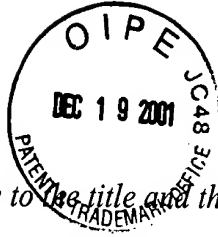
Respectfully submitted,  
Markus OECHSLE et al



-----  
Neil F. Greenblum  
Reg. No. 28,394 *R#35 213*

December 17, 2001  
GREENBLUM & BERNSTEIN, P.L.C.  
1941 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191

Attachment: Appendices 1-5



## APPENDIX 1

*Changes to the title and the two paragraphs on page 1 of the specification:*

**[Method of operating a machine for the manufacture and/or refinement of material webs]**

### **--METHOD OF OPERATING A MACHINE FOR THE MANUFACTURE AND/OR REFINEMENT OF MATERIAL WEBS--**

#### **--CROSS-REFERENCE TO RELATED APPLICATIONS--**

The present application is a National Stage Application of International Application No. PCT/EP00/02198, filed May 17, 2000. Further, the present application claims priority under 35 U.S.C. § 119 of German Patent Application No. 199 11 394.7 filed on March 15, 1999.

#### **--BACKGROUND OF THE INVENTION--**

##### **1. Field of the Invention--**

The invention relates to a method for the operation of a machine for the manufacture and/or refinement of material webs, in particular paper webs. The invention also relates [moreover] to a measurement system for the carrying out of such a method.

##### **--2. Discussion of Background Information--**

Such machines, for example paper making machines, consist of a plurality of different machine sections of which at least some are in turn subdivided into further part sections. Each machine section or part section influences the quality of the finished product, for example of a paper web. It is possible to influence the manufacturing process by appropriate control and regulation of individual machine components forming the respective machine section or part section. The large number of possibilities of adjustment makes it difficult to determine the influence of changes which are made at individual machine components on the ability of the respective machine section or part section to function or on the quality of the finished product.

**APPENDIX 2**

*Changes to the second full paragraph on page 2 and the paragraph bridging pages 2 and 3 of the specification:*

**--SUMMARY OF THE INVENTION--**

The [problem (object) underlying the] invention [is to provide] therefore provides a method and also a measuring system of the initially named kind with which a picture can be obtained of the manufacturing process as accurately as possible, in particular in a paper making machine, and which in particular enables changes to be made in the manufacturing process for its optimization or change in targeted manner.

[This object is satisfied by the features of claim 1 and in particular in] The invention provides that process data concerning at least one measured parameter which relates to a manufacturing process [are] is detected and jointly evaluated in the region of at least one machine section, in particular of the dryer section of a paper making machine, with the detection of the process data taking place at a plurality of measurement zones which are arranged in series in the process direction.

**APPENDIX 3**

*Changes to the third full paragraph on page 10 of the specification:*

The [object underlying the] invention [is moreover satisfied by] also provides for a measurement system for carrying out the method of the invention which has at least one measurement device for the detection of process data relating to at least one measured parameter at at least one measurement point and also an evaluation unit for the joint evaluation of the process data.

**APPENDIX 4**

*Changes to the second, third and fourth paragraphs on page 11 of the specification:*

Further preferred embodiments of the invention are set forth in the [subordinate] claims, in the description and also in the drawing.

**--BRIEF DESCRIPTION OF THE DRAWINGS--**

The invention will be described in the following by way of example with reference to a drawing, the single figure of which schematically shows a measurement system used at a paper making machine to carry out the method of the invention in accordance with an embodiment of the invention.

**--DETAILED DESCRIPTION OF THE INVENTION--**

In the drawing a part of a paper making machine is shown in which a press section 20, a fryer section, a refinement section 22 and also a roller section 24 follow one another in the process direction P.

P21469.A03

**APPENDIX 5**

*Changes to the third full paragraph on page 13 of the specification:*

The same also applies to the refining section [12] 22 at which two measurement zones 12 are provided in the illustrated embodiment, with the first measurement zone 12 in the process direction P being arranged beneath the refinement section 22 and the second measurement zone 12 being located within the rear one of the two part sections 14.